

ABERDEEN

HELI

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Quick Release Cargo Basket Part #: 69810-01

Approval #: SH00-48 Serial #: 69801-13

WO #: 2007-08 Quantity: 1

Eligibility: Bell 206L / 407 Work Status: Manufactured

Remarks: Modified with open front end IAW DCL704

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Nov 26/07
Date

[Signature]
Inspector's Signature

HELI DYNAMICS.

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Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Quick Release Cargo Basket Part #: 69810-01

Approval #: SH00-48 Serial #: 69801-12

WO #: 2007-08 Quantity: 1

Eligibility: Bell 206L / 407 Work Status: Manufactured

Remarks: Modified with open front end and lid step IAW DCL704

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Oct 25 / 07
Date

Jeff Clarke
Inspector's Signature

UNIVERSAL
HELICOPTERS

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Quick Release Cargo Basket Part #: 69810-01

Approval #: SH00-48 Serial #: 69801-11

WO #: 2007-08 Quantity: 1

Eligibility: Bell 206L / 407 Work Status: Manufactured

Remarks: Modified with ~~open front end~~ and lid step IAW DCL704

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Nov 26/07
Date

Jeff Clark
Inspector's Signature

VH

AERO Design Ltd.
2013 – 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Quick Release Cargo Basket Part #: 69810-01

Approval #: SH00-48 Serial #: 69801-10

WO #: 2007-08 Quantity: 1

Eligibility: Bell 206L / 407 Work Status: Manufactured

Remarks: Modified with open front end and lid step IAW DCL704

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Nov 24/07
Date

Jff Clark
Inspector's Signature

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AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Quick Release Cargo Basket Part #: 69810-01

Approval #: SH00-48 Serial #: 69801-09

WO #: 2007-08 Quantity: 1

Eligibility: Bell 206L / 407 Work Status: Manufactured

Remarks: Modified with open front end and lid step IAW DCL704

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Nov 26/07
Date

Jeff Clark
Inspector's Signature

WORK ORDER 2007-08

Date opened: 25 April 2007

Project: Quick Release Cargo Basket Assembly
Type: Bell 206L Series, 407

Batch Quantity: ~~5~~ Complete Basket Assemblies (69810-01)
All modified for aft cross tube clearance
~~4~~ Modified with Open Front End (70404)
~~4~~ Modified with Lid Step (70405)

Approval: SH00-48
Drawing List: DCL698-1, DCL704

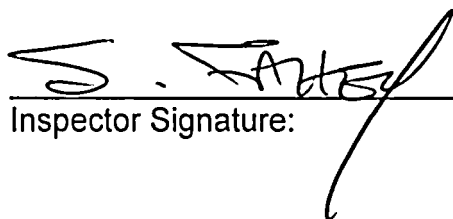
Fabrication and Assembly Drawing(s)	Description
69810, Rev. 1	Basket Ass'y
69811, Rev. 1	Basket Body Ass'y
69812, Rev. 0	Basket Lid Ass'y
36255, Rev. 1	Handle Installation
36261, Rev. 4 3	Handle Bar Ass'y
36262, Rev. 4 3	Handle Bracket Ass'y
70404, Rev. 0 1	Open Front End Modification
70405, Rev. 0	Lid Step Modification

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u> ✓
Document Control List revision level matches (or exceeds) STC:	<u>Y</u> ✓
Drawings revision levels match Document Control List:	<u>Y</u> ✓
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u> ✓
Tests and inspections specifically called out on drawings are complete:	<u>Y</u> ✓
Release tags associated with all fabricated parts are attached:	<u>Y</u> ✓
All mounting hardware and supplies are included:	<u>Y</u> ✓

List all non-conformities raised: _____


Inspector Signature:

NOV 26, 2007
Date:

Drawing: 69810 Revision 1
 Assembly: 69810-01 Cargo Basket Ass'y (Quick-Release)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
58 Total	69810-01	Cargo Basket Assembly			
1	69811-01	Basket Body Assembly	Below		
1	69812-01	Basket Lid Assembly	Below		
1	36255-01	Handle Bar Installation	Below		
1	36280-01	Brace Assembly	9-2081 Brace	7005	
1	MS20001P4	Piano Hinge		6067	
1	69827-01	Placard	3M Scotchcal Vinyl	6036	
3	49205-14	Bumper	Argus Industries Bumper	6038	
26	CR3213-4-02	Cherry Rivet		7010	
4	40088-14	Fitting	Ancra	6058	
4	AN960-616	Washer		6016	
1	AN3-15A	Bolt		6016	
1	AN3-17A	Bolt		6066	
4	AN960-10	Washer		6043	
2	AN970-3	Washer		5026	
2	MS21044N3	Nut		6016	




Processes	Per	Mat'ls Used	Inspection	Signature
Riveting	AC43.13-1B	CR3213-4-02 Rivets		<i>Jeff Clarke</i>
Final Inspection	Drawing 69810			<i>Jeff Clarke</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 69811 Revision 1
 Assembly: 69811-01 Basket Body Ass'y (Quick-Release)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5/8 Total	69811-01	Basket Body Assembly			
2	69821-01	End Hoop (Rev. 1)	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
4	69823-02	Lug	1018 Mild Steel, 5/8" Rod	951108A	
3	49210-02	Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
2	69824-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
2	49212-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
4	69825-01	Spine	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
2	69826-01	Strut	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
1	36262-01	Handle Bracket Assembly	Below		
1	49215-01	Spacer	1018 Steel, 1/2" Rod	951108	
A/R	3/4-16F	Mesh	Expanded carbon steel	7009	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 69811			
Final Inspection	Drawing 69811			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 69812 Revision 0
 Assembly: 69812-01 Basket Lid Ass'y (Quick-Release)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
54 Total	69812-01	Basket Lid Assembly			
2	69824-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
2	49212-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
3	49213-01	Lid Brace	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
1	49216-01	Spacer	1018 Steel, 1/2" Rod	951108	
1	36262-01	Upper Handle Bracket Assembly	Below		
1	36204-10	Placard Bracket	1018 Steel, 0.035" Sheet	9516042	
A/R	3/4-16F	Mesh	Expanded carbon steel	7009	


Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		<i>David Clark</i>
Powder Coat	Drawing 69812			<i>David Clark</i>
Final Inspection	Drawing 69812			<i>David Clark</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36255 Revision 1
Assembly: 36255-01 Handle Installation

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 4 Total	36255-01	Handle Installation			
1	36261-01	Handle Bar Assembly	Below		
2	36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	7004	
2	36275-01	Bushing	SAE 660 Bronze, 5/16" Dia	6068	
2	AN3-14A	Bolt		6071	
4	AN960-10	Washer		6043	
2	MS21044N3	Nut		6016	



Processes	Per	Mat'ls Used	Inspection	Signature
Final Inspection	Drawing 36255			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36261 Revision 1
Assembly: 36261-01 Handle Bar Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
58 Total	36261-01	Handle Bar Assembly			
1	36277-01	Handle Bar	316 Stainless, 1.0 x 0.035 Rnd. Tube	6006	
2	36271-01	Lever	304 Stainless, 0.105 Sheet	7006	
2	36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	2005	
2	36276-01	Hook	6061-T6 Aluminum, 5/16" Dia. Rod.	2009	
2	MS20470AD4-8	Rivet		6070	



Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 36261			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36262 Revision 1
Assembly: 36262-01 Handle Bracket Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 0 Total	36261-01	Handle Bracket Assembly			
1	36272-01	Basket Bracket	321 Stainless, 0.050 Sheet	3021	
2	36273-01	Lid Bracket	321 Stainless, 0.050 Sheet	3021	
2	36275-02	Support	304 Stainless, 5/16" Rod	6003	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 36262			

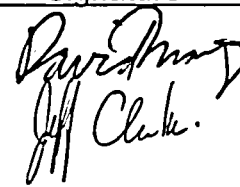

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 70404 Revision 1
Assembly: 70404-01 Open Front End Modification

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
4 2 Total	70404-01	Open Front End Modification			
1	70404-03	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
1	70404-04	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
1	3/4-16F	Mesh	Expanded Carbon Steel	6007	

Note: Remainder of assembly listed on drawing 69811

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 70404			

Tag incomplete parts with Work Order # when stored between processes.

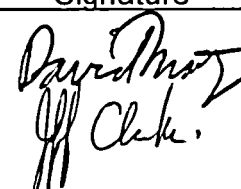
Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 70405 Revision 0
Assembly: 70405-01 Lid Step Modification

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
4 2 Total	70405-01	Lid Step Modification			
1	70405-03	Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
1	70405-04	Tread Plate	3003 Aluminum Tread Plate, 0.063"	6005	
14	CR3213-4-2	Cherry Rivet		7010	

Note: Step is installed on 3 aft bays of each lid.

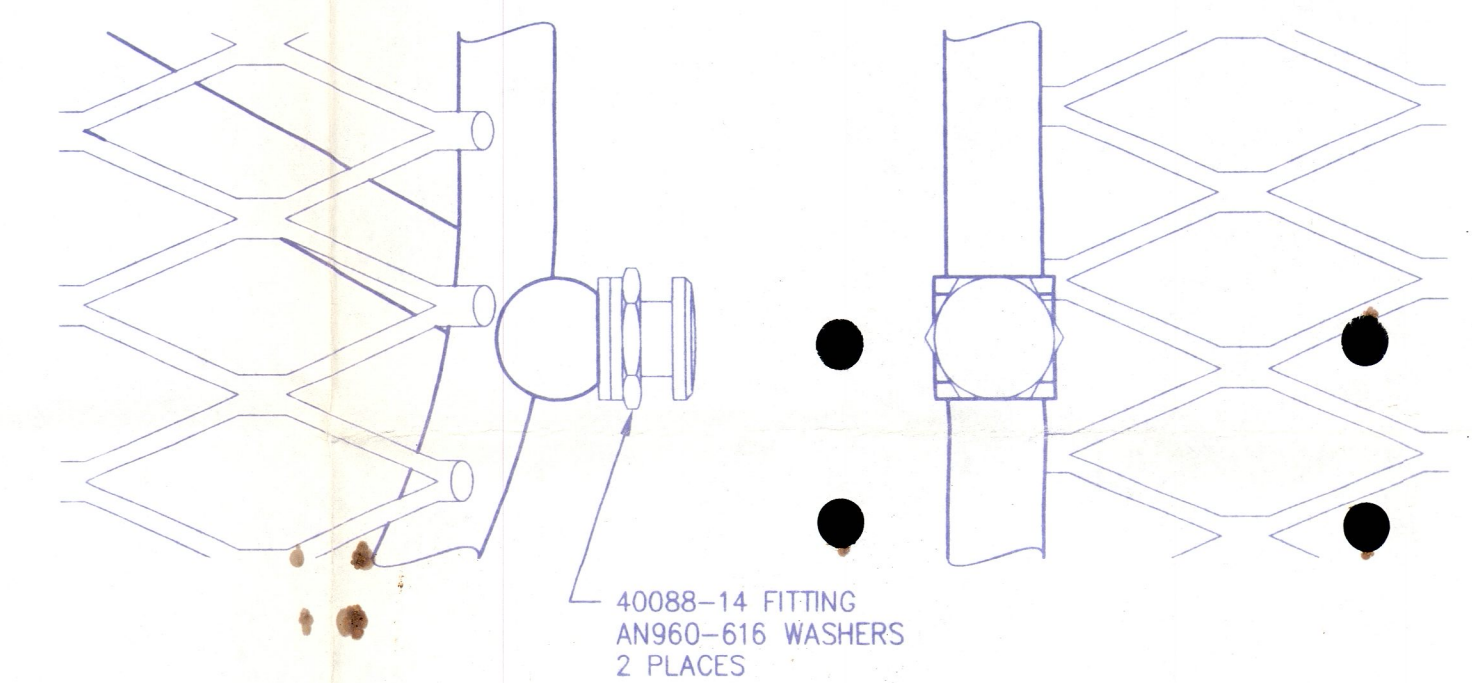
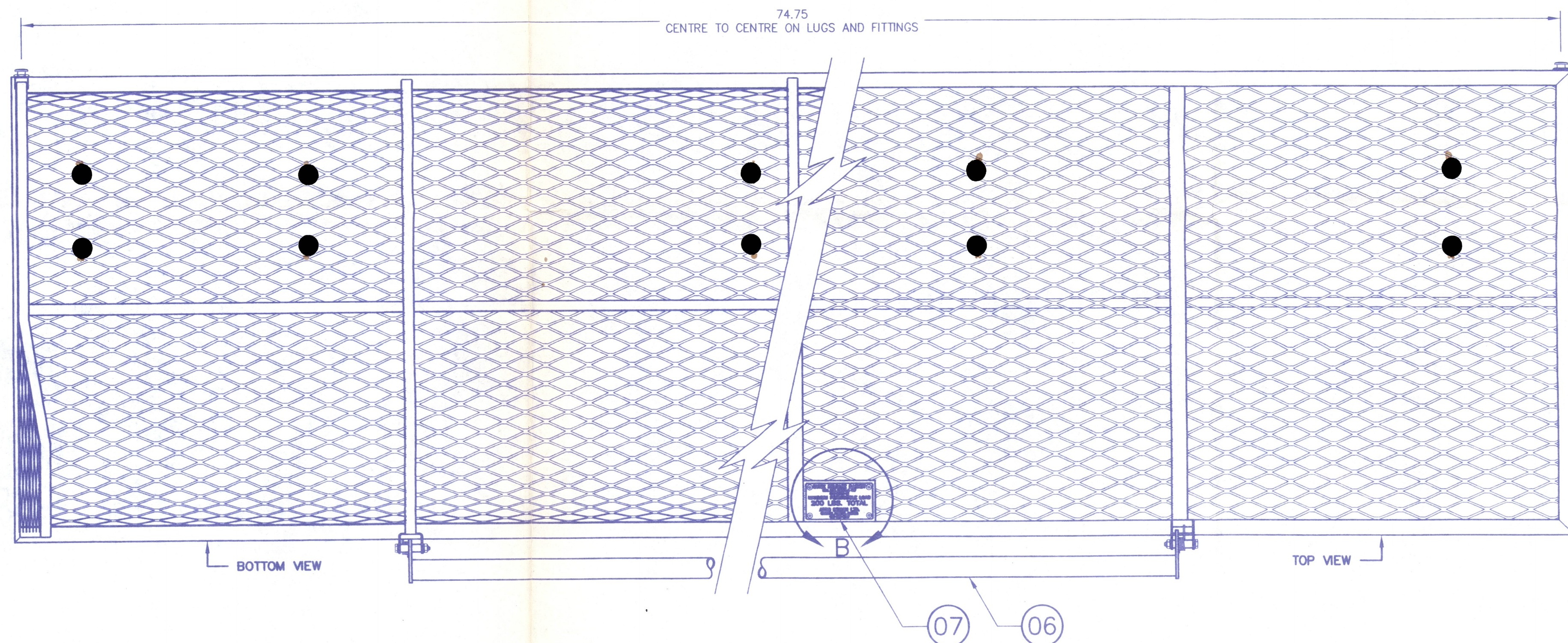
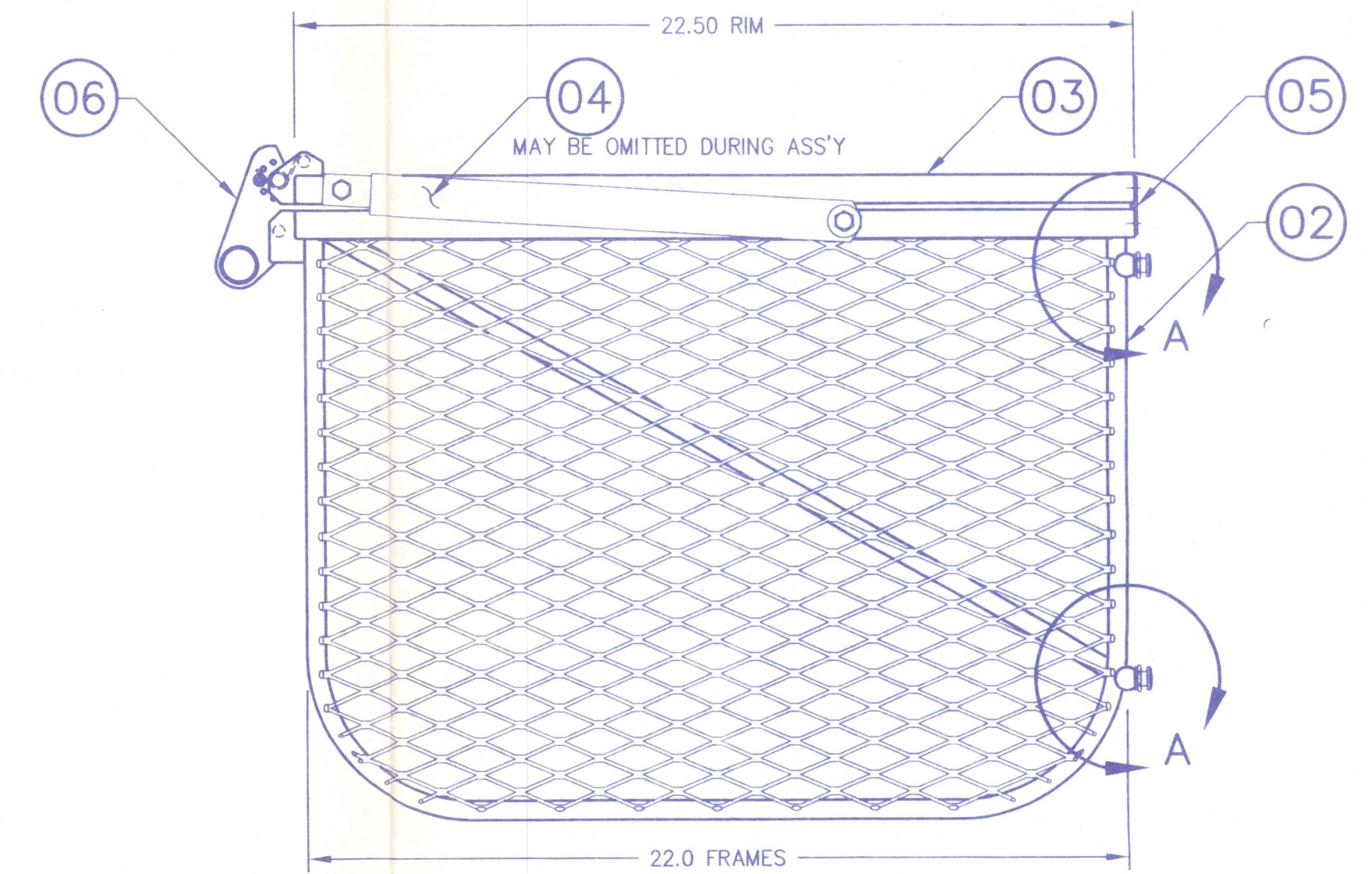
Note: Remainder of assembly listed on drawing 69812

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 70405			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

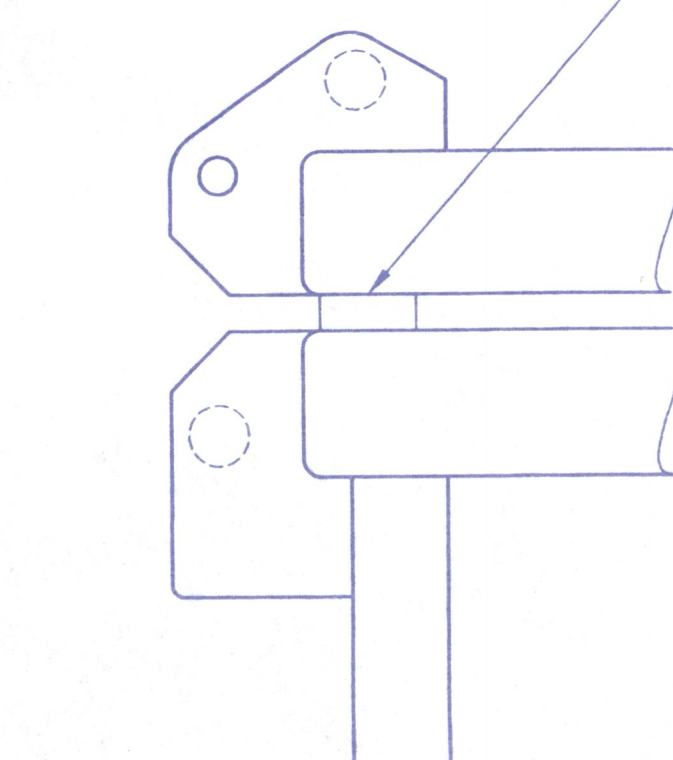
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	CHANGED LUGS	BJC	09/11/2006
2	PLACARD CHANGED, AFT END MODIFIED FOR CROSS TUBE CLEARANCE	BJC	29/06/2007



SCALE 1 : 1
LOOKING AT LOWER ATTACHMENT, UPPER ATTACHMENT SIMILAR
TYPICAL FRONT AND REAR

1. ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. DIMENSIONS OF COMPONENTS AND COMPLETE ASSEMBLY ARE DETERMINED IN PREVIOUS STEPS.

DRILL 0.25 INTO LID
ENSURE CLEARANCE FROM MESH
3 PLACES MIN

[illegible]

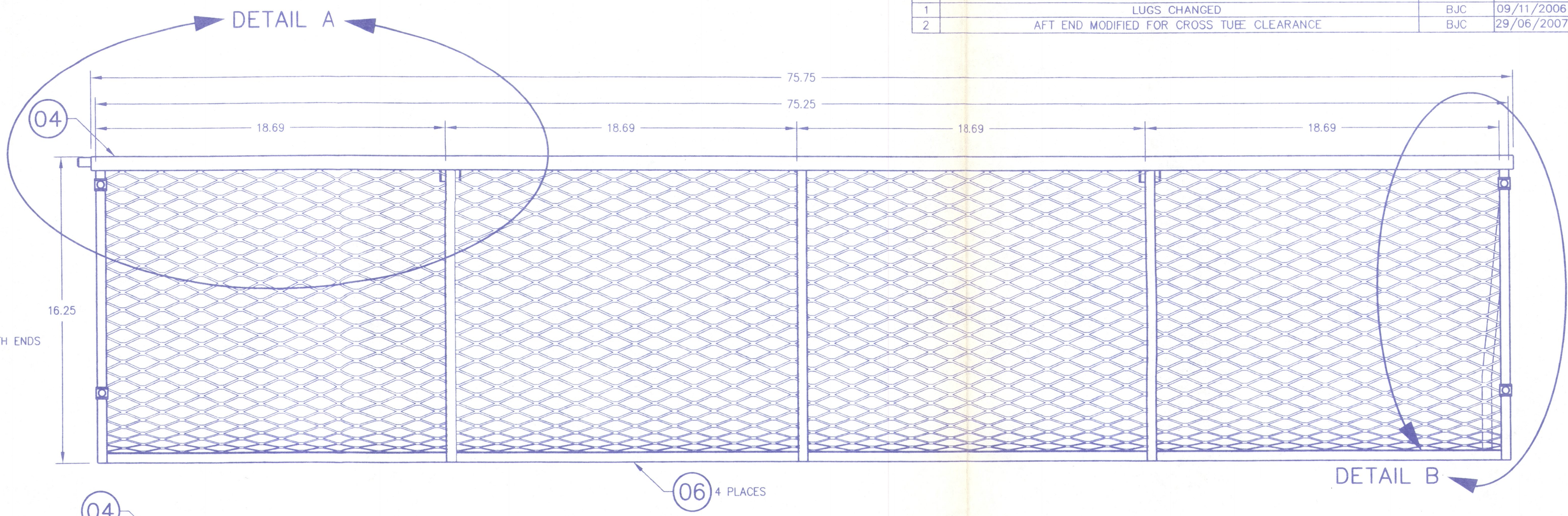
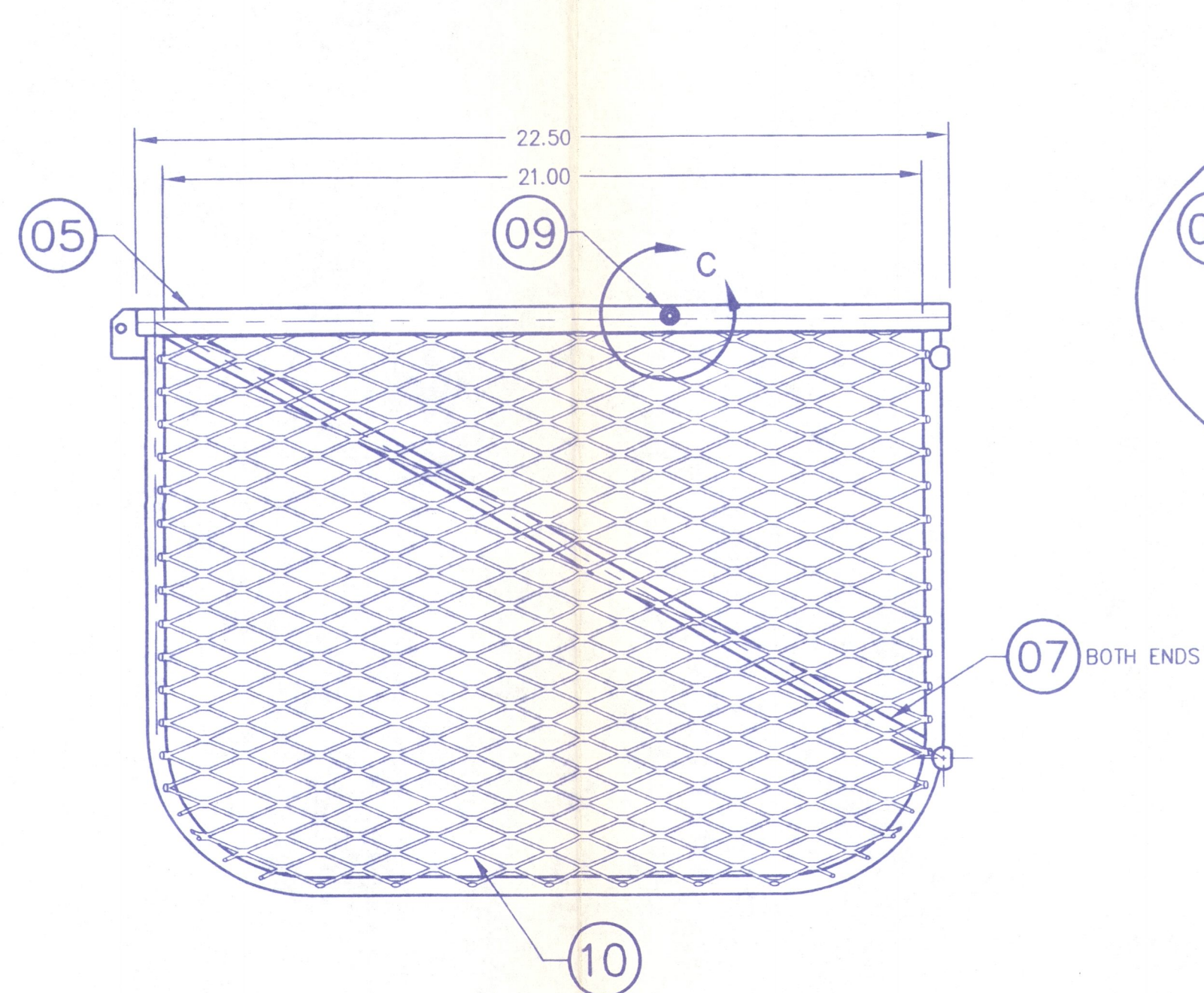
SCALE 1 : 1
LOOKING AT PLACARD BRACKET

A/R	AN960-616		WASHER				
4	40088-14		FITTING		ANCR A		
A/R	CR3213-4-02		CHERRY RIVET				
3	49205-14	08	BUMPER		ARGUS INDUSTRIES		
1	69827-01	07	PLACARD				
1	36255-01	06	HANDLE BAR INSTALLATION				
1	MS20001P4	05	PIANO HINGE				6 FEET LONG
1	36280-01	04	BRACE ASSEMBLY				
1	69812-01	03	LID ASSEMBLY				
1	69811-01	02	BASKET BODY ASSEMBLY				
	69810-01	01	CARGO BASKET ASSEMBLY				
01	PART NO.	ITEM	DESCRIPTION		MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	LIST OF MATERIALS						

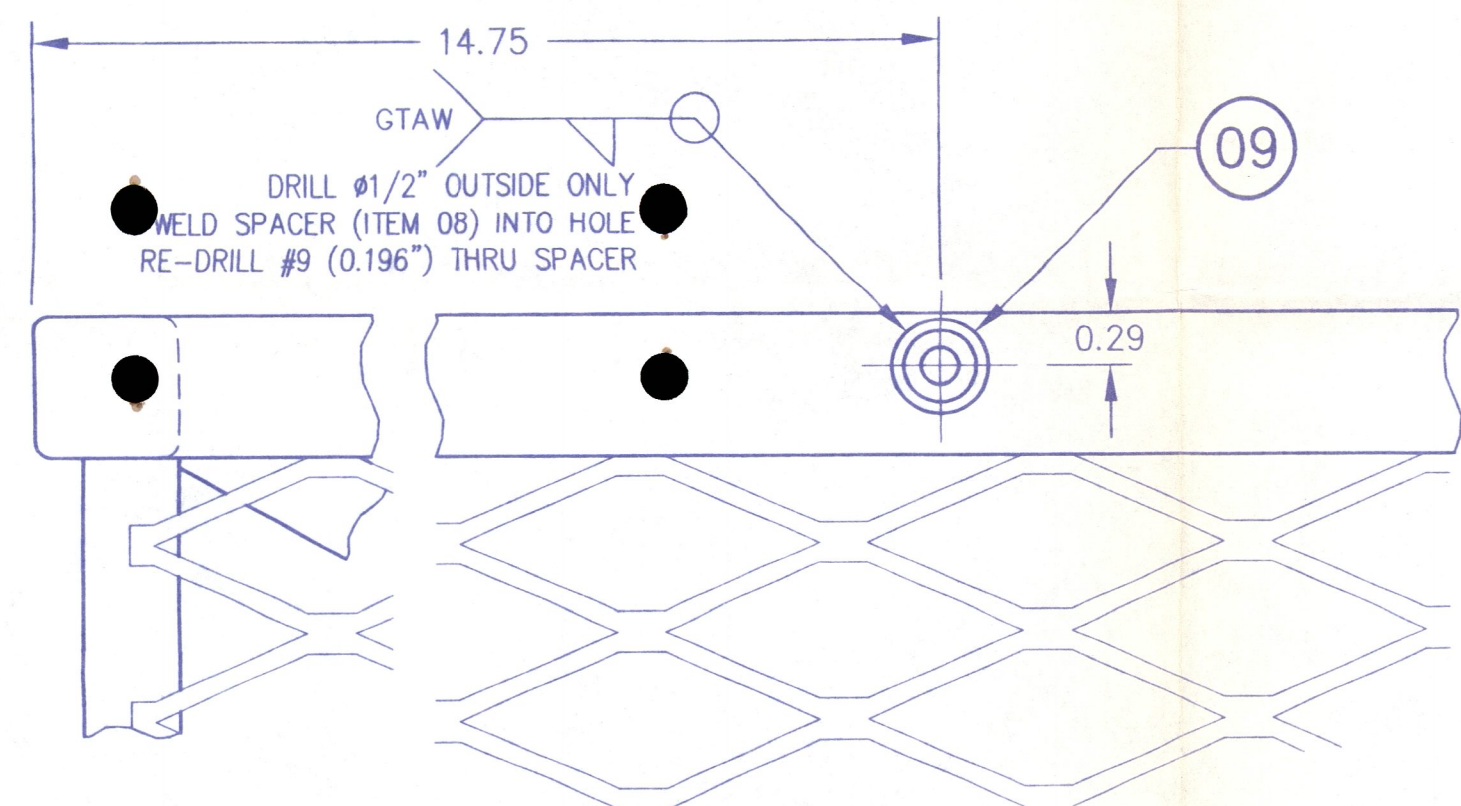
<div> <div> APPROVALS DATE </div> <div> DRAWN: JEFF CLARKE 11 APR 2006 </div> <div> CHECKED: E. BURGON </div> </div> <div> UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: <div> DECIMALS ANGLES </div> <div> X.XXX ±0.010 ±1/2" </div> <div> X.XX ±0.03 </div> <div> X.X ±0.1 </div> </div>	<div> AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net </div>			
	<div> BELL 206L, 407 QUICK RELEASE CARGO BASKET CARGO BASKET ASSEMBLY </div>			
	SCALE 1 : 4	DWG. SIZE	DWG. NO.	REV.
	SHEET 1 OF 1	A1	69810	2

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	LUGS CHANGED	BJC	09/11/2006
2	AFT END MODIFIED FOR 'CROSS TUE' CLEARANCE	BJC	29/06/2007

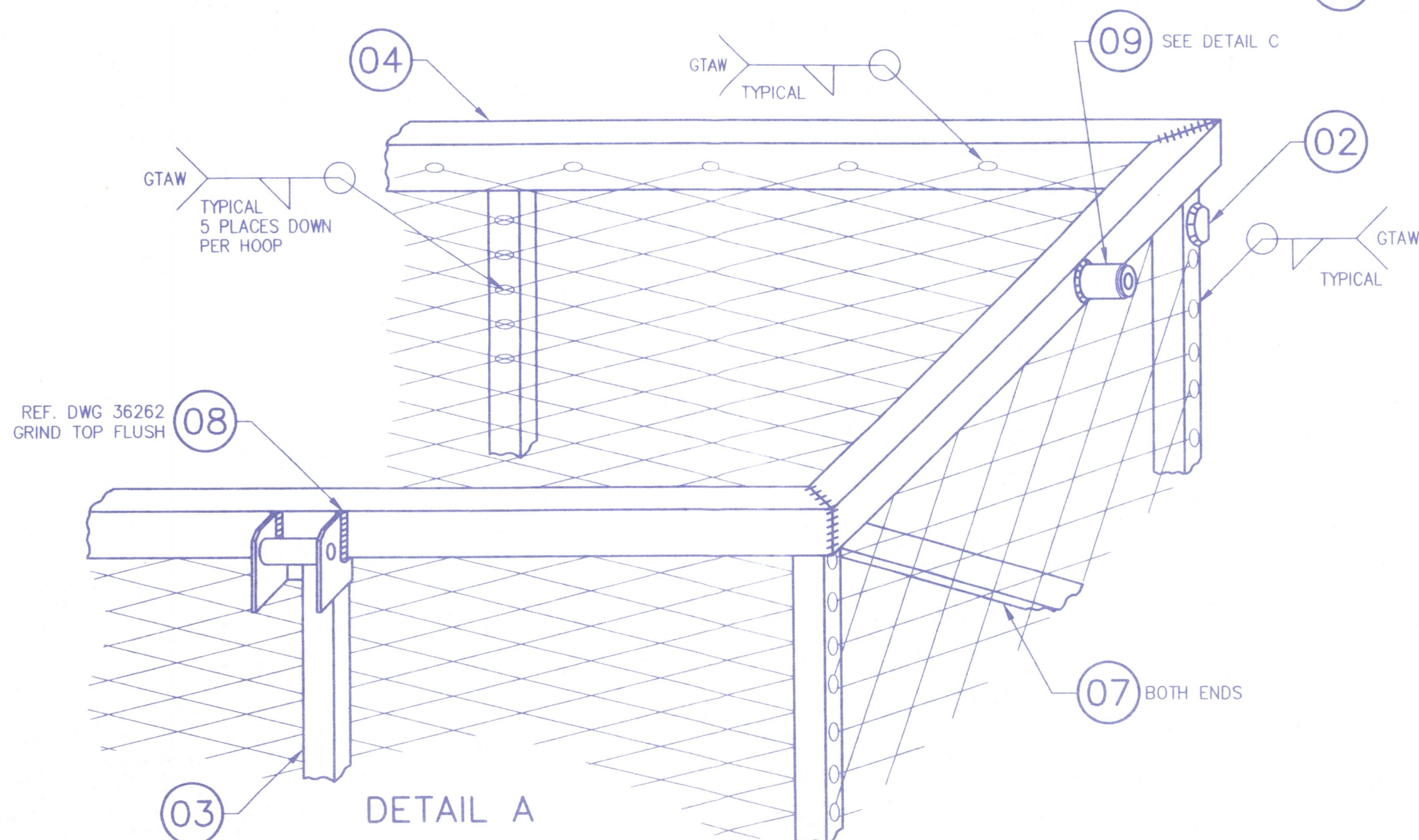
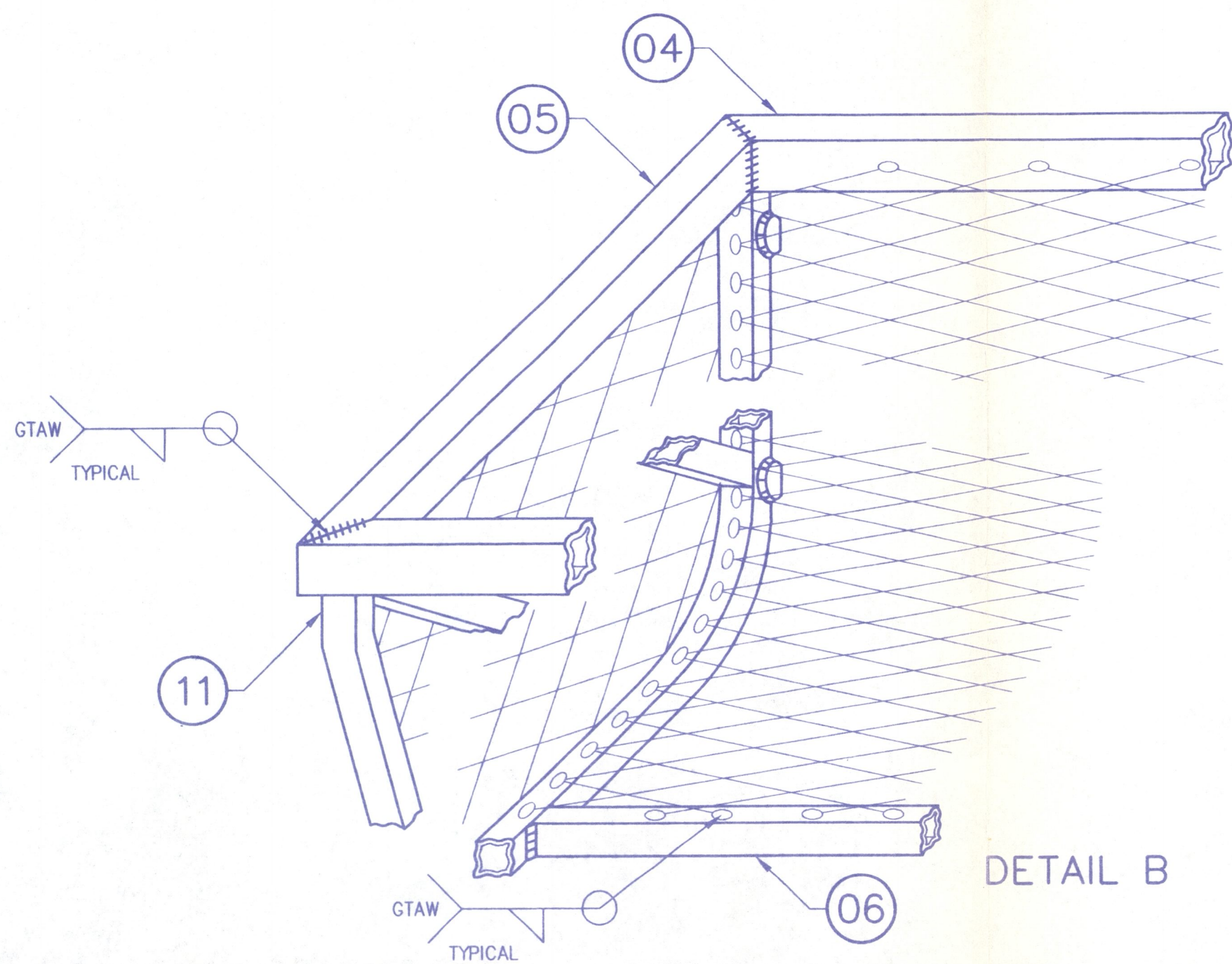
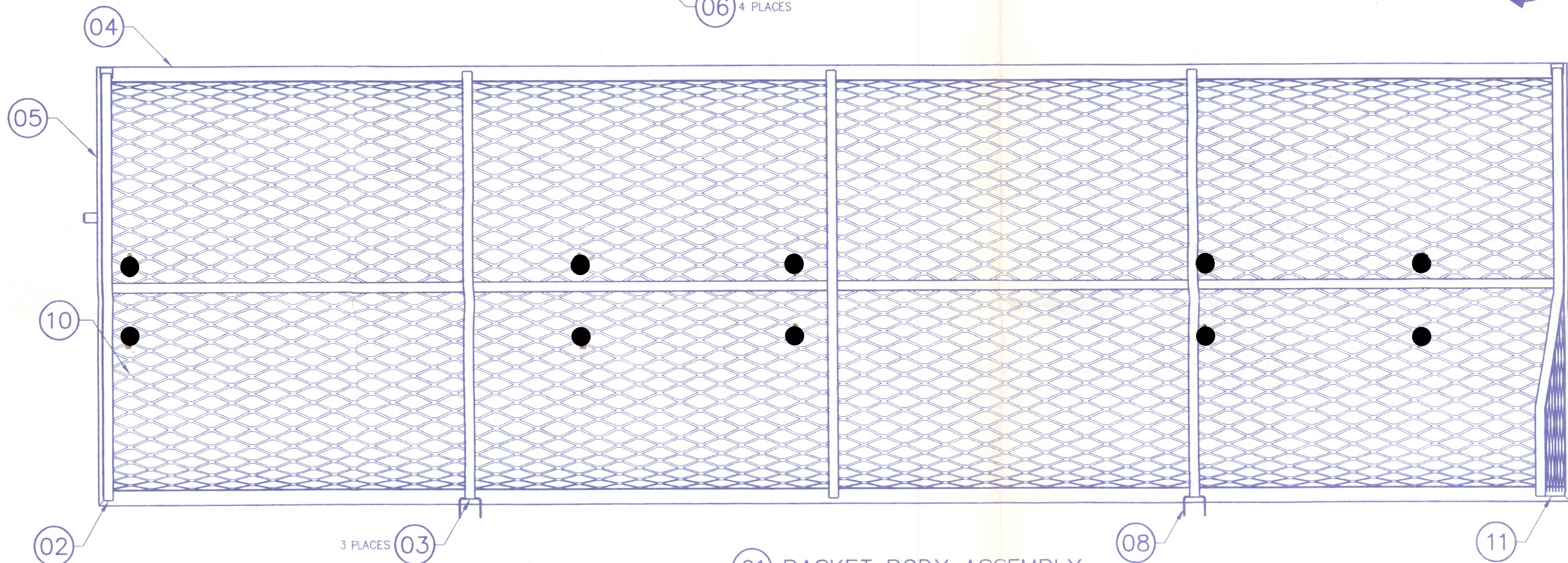


- NOTES:
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
 2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
 3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
 4. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.



DETAIL C

SCALE 1:1
VIEW LOOKING AT FRONT RIM OF BASKET



QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
1	69822-01	11	AFT END HOOP			
A/R	3/4-16F	10	MESH	STEEL	COMMERCIAL	
1	49215-01	09	SPACER			
1	36262-01	08	HANDLE BRACKET ASSEMBLY			
2	69826-01	07	STRUT			
4	69825-01	06	SPINE			
2	49212-01	05	RIM			
2	69824-01	04	RIM			
3	49210-02	03	HOOP			
1	69821-01	02	FORWARD END HOOP			
1	69811-01	01	BASKET BODY ASSEMBLY			

LIST OF MATERIALS

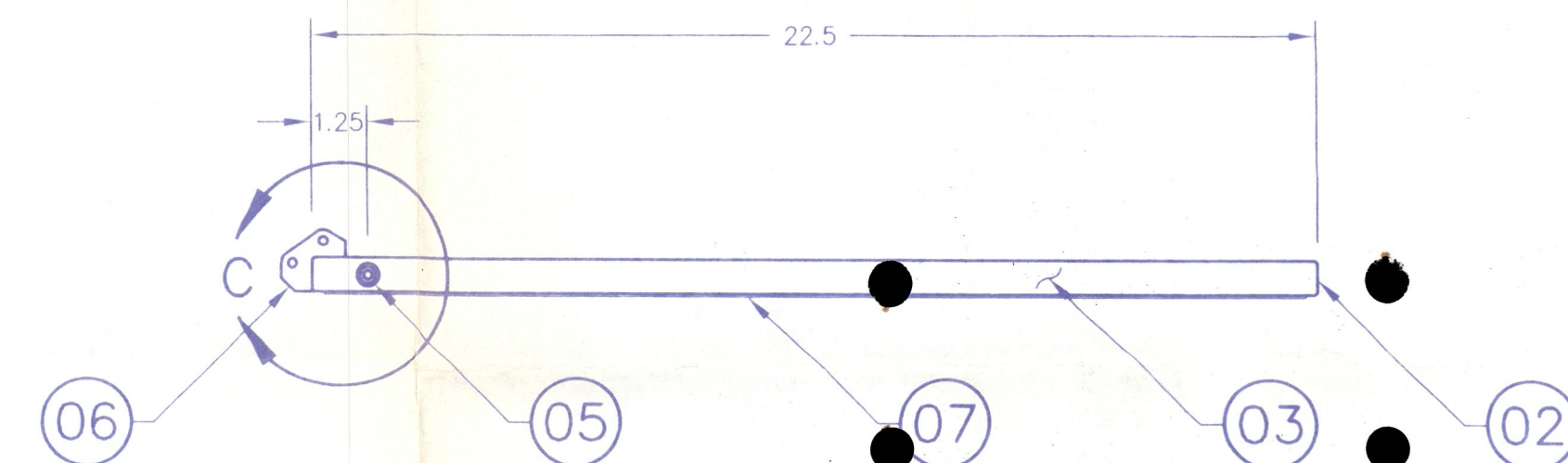
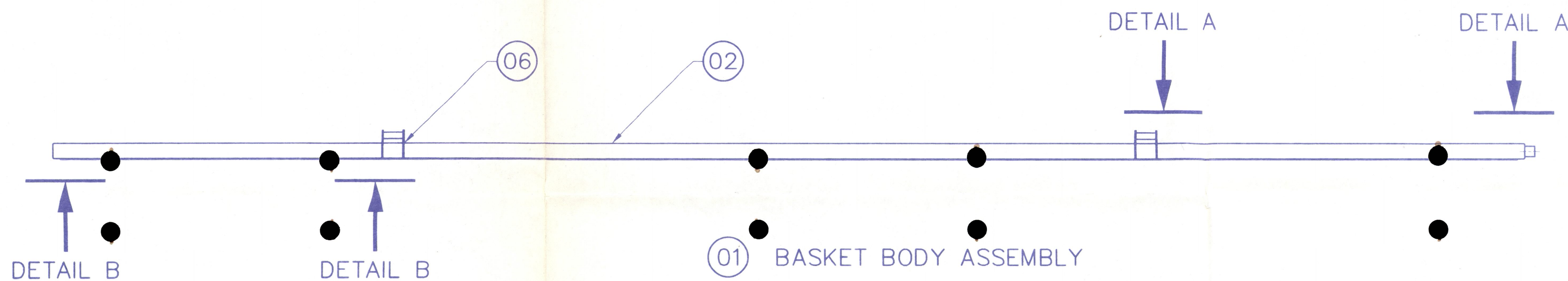
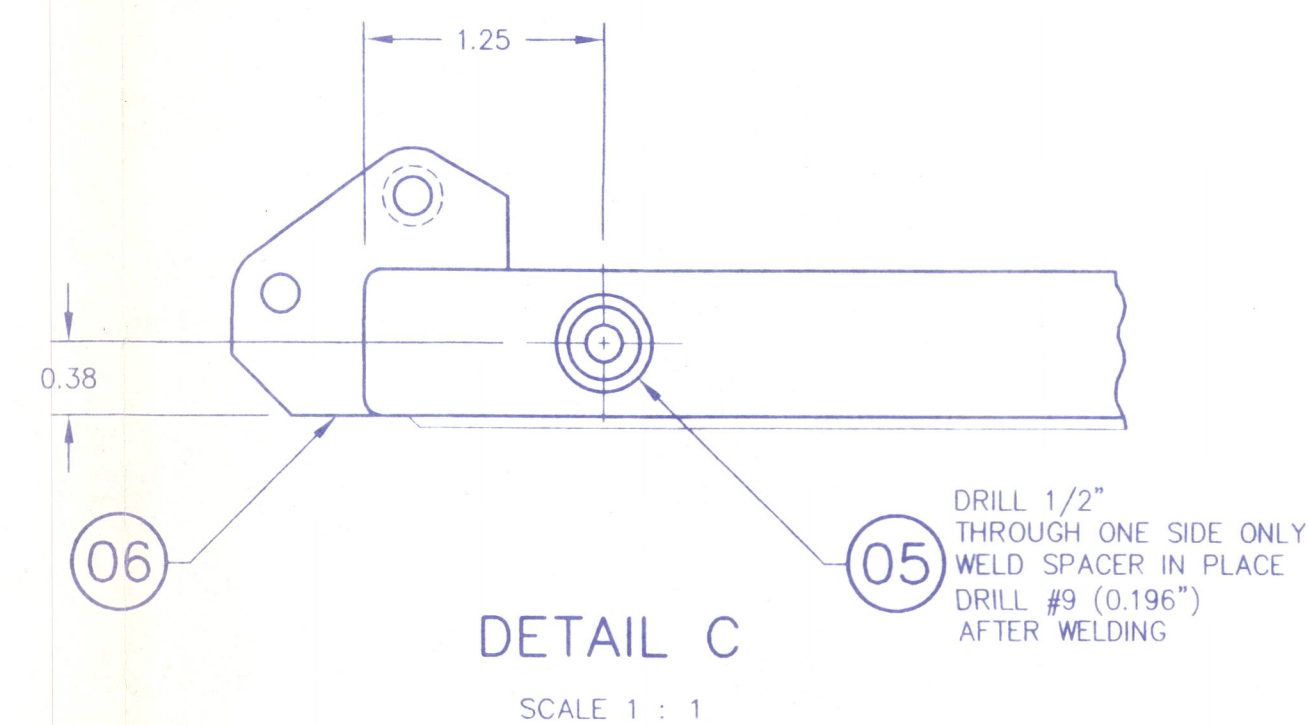
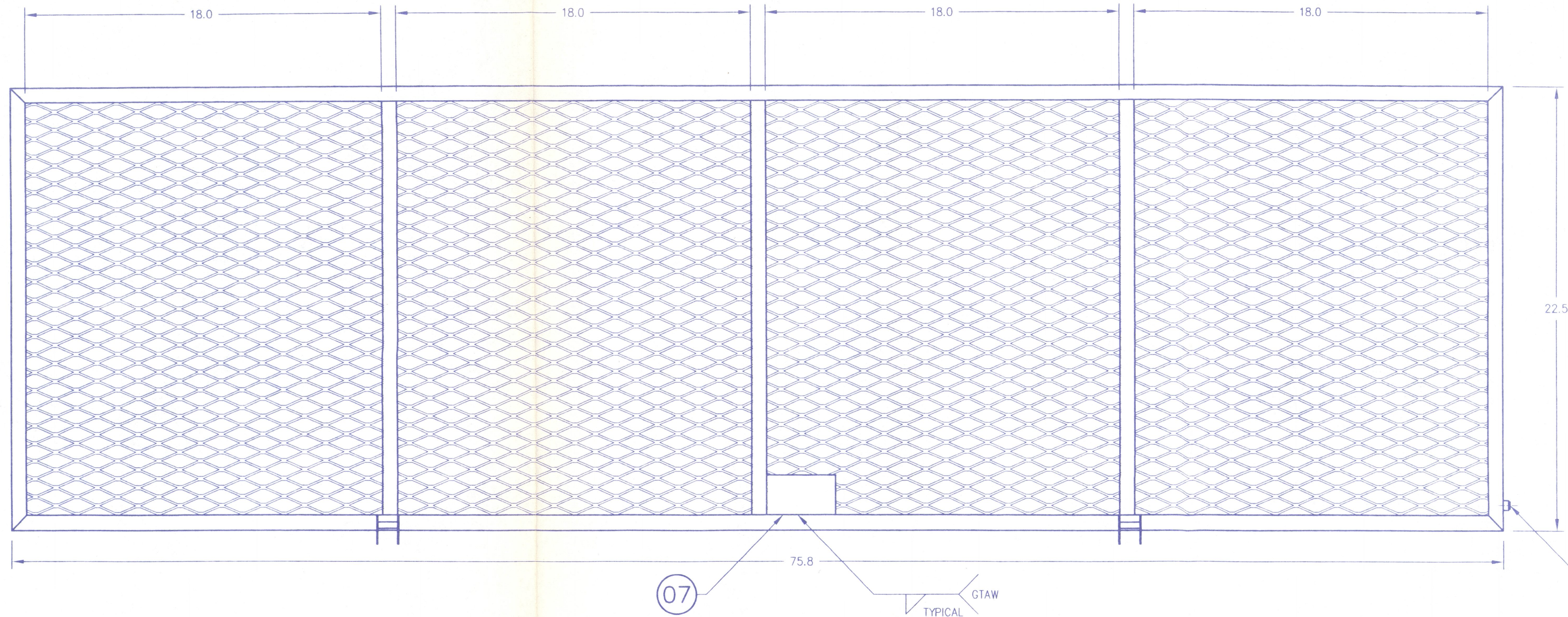
APPROVALS	DATE
DRAWN: JEFF CLARKE	11 APR 2006
CHECKED: E. BURGAIN	

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2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, T2E 0R7
tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net

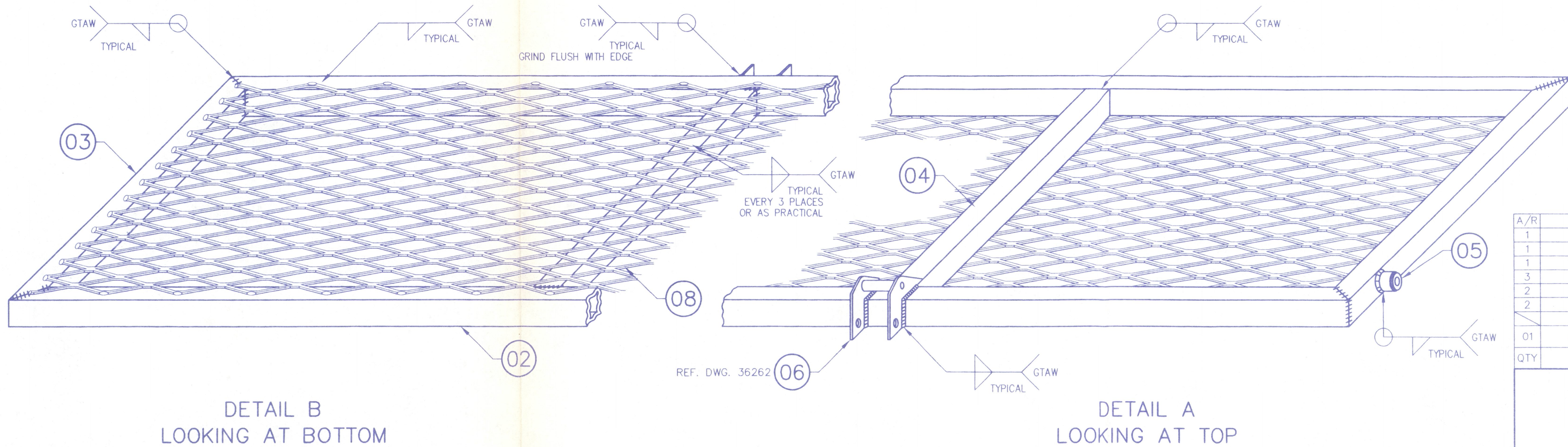
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1
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BELL 206L, 407 QUICK RELEASE CARGO BASKET BASKET BODY ASSEMBLY			
SCALE 1 : 4	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A1	69811	2

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	*	*	*

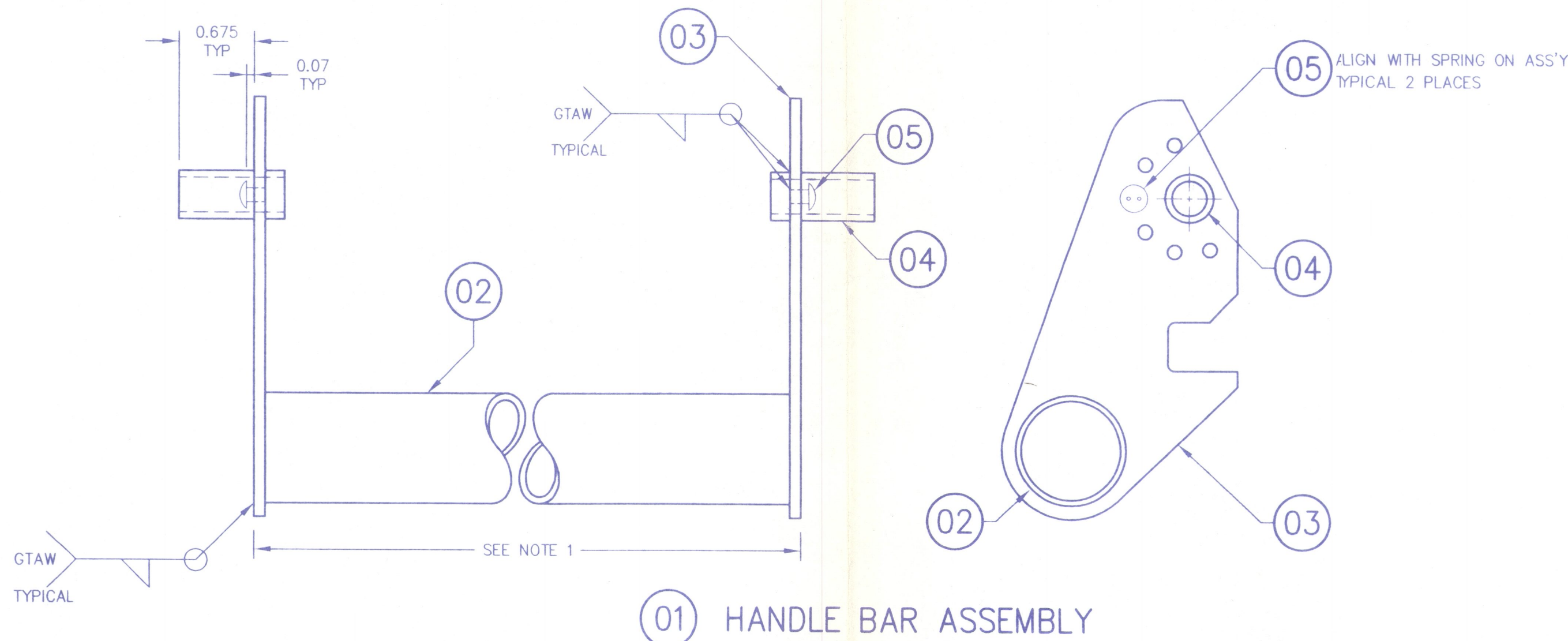


- NOTES:
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
 2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
 3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
 4. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.



A/R	3/4-16F	08	MESH				
1	36204-10	07	PLACARD BRACKET				
1	36262-01	06	UPPER HANDLE BRACKET ASSY				
1	49216-01	05	SPACER				
3	49213-01	04	LID BRACE				
2	49212-01	03	RIM				
2	69824-01	02	RIM				
	69812-01	01	BASKET LID ASSEMBLY				
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE	
QTY	LIST OF MATERIALS						
		APPROVALS	DATE	AERO DESIGN LTD.			
DRAWN:		JEFF CLARKE	11 APR 2006	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
CHECKED:		E. BURGOIN		2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
		DECIMALS	ANGLES	BELL 206L, 407			
		X.XXX ±0.010	±1/2"	QUICK RELEASE CARGO BASKET			
		X.XX ±0.03		BASKET LID ASSEMBLY			
		X.X ±0.1		SCALE 1 : 4			
				DWG. SIZE	DWG. NO.	REV.	
				SHEET 1 OF 1	A1	69812	0

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36210	STF	MAR 17/03
1	LOW BASKET CONFIGURATION	STF	JUN 03/04
2	ADD QUICK RELEASE BASKET HANDLE	BJC	JAN 8/07
3	ADD 205A-1/212/412 QUICK RELEASE BASKET HANDLE, HOOK CHANGED	BJC	AUG 13/07



- NOTES:
1. LENGTH OF HANDLE TO BE DETERMINED AS APPROPRIATE TO BASKET TYPE.
 2. REMOVE ALL BURRS AND SHARP EDGES.
 3. WELDING TO BE COMPLETED BY GTAW METHOD TO AMS2685C USING ER308L ROD.

HIGH-MOUNTED BELL 407:	62.25" (REF.)
LOW-MOUNTED BELL 206L & 407:	36.50" (REF.)
QUICK RELEASE BELL 206L & 407:	37.38" (REF.)
QUICK RELEASE BELL 205A-1/212/412:	37.38" (REF.)
AEROSPATIALE AS350:	56.75" (REF.)

QTY	PART NO.	ITEM	DESCRIPTION
2	MS20615-4M3	05	RIVET (MONEL)
2	36274-01	04	BUSHING
2	36271-01	03	LEVER
1	36277-01	02	HANDLE BAR
1	36261-01	01	HANDLE BAR ASSY

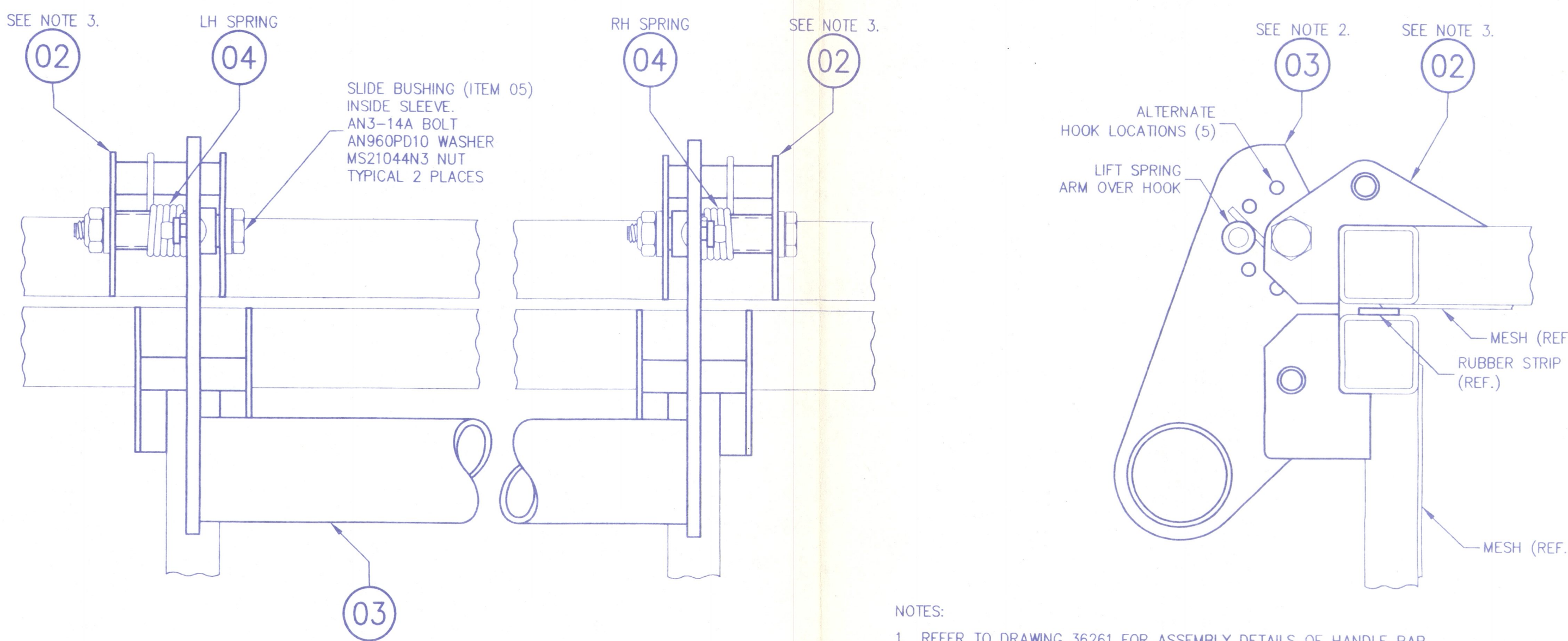
APPROVALS	DATE	SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
DRAWN: STEVEN FAHEY	MAR 17/03				
CHECKED: E. BURGOIN	MAY 01/03				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:					
DECIMALS: X.XXX ±0.010 X.XX ±0.03 X.X ±0.1					
ANGLES: ±1/2°					
SHEET 1 OF 1					

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tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net

**HELICOPTER CARGO BASKET
HANDLE BAR ASSEMBLY**

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36210	STF	MAR 17/03
1	CHANGED BUSHINGS	STF	JUN 03/04



01 HANDLE INSTALLATION

QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL
2	AN3-14A		BOLT	
4	AN960PD10		WASHER	
2	MS21044N3		NUT	
2	36275-01	05	BUSHING	
2	36278-01	04	SPRING (1 LH, 1 RH)	
1	36261-01	03	HANDLE BAR ASSEMBLY	
2	36262-01	02	HANDLE BRACKET ASSEMBLY	
2	36255-01	01	HANDLE INSTALLATION	

- NOTES:
1. REFER TO DRAWING 36261 FOR ASSEMBLY DETAILS OF HANDLE BAR.
 2. REFER TO DRAWING 36262 FOR LOCATION OF BRACKETS.

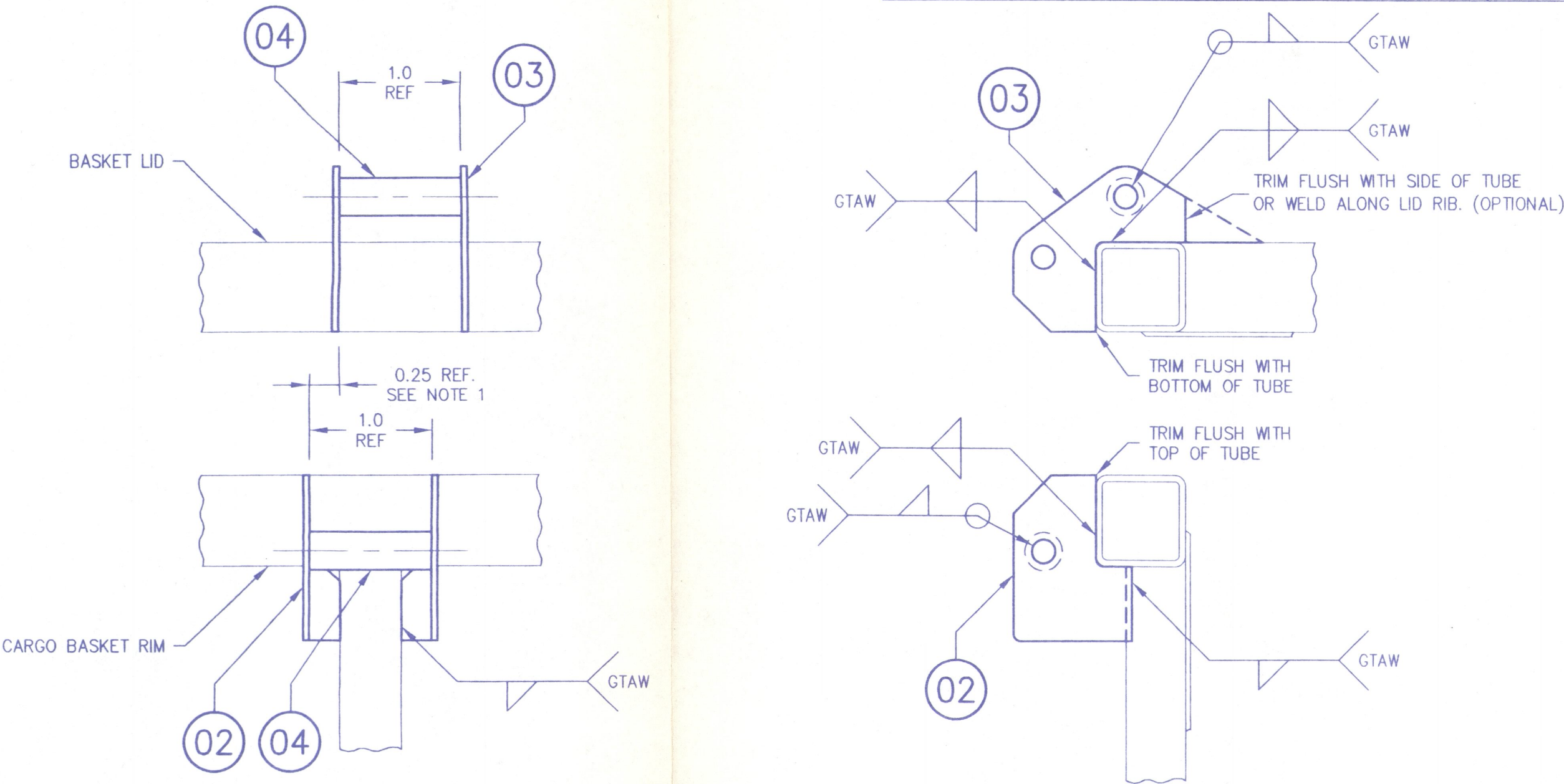
APPROVALS	DATE	SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
DRAWN: STEVEN FAHEY	MAR 17/03				
CHECKED: E. BURGOIN	MAY 01/03				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:					
DECIMALS: X.XXX ±0.010 X.XX ±0.03 X.X ±0.1					
ANGLES: ±1/2°					
SHEET 1 OF 1					

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**HELICOPTER CARGO BASKET
HANDLE BAR INSTALLATION**

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36210	STF	MAR 17/03
1	CHANGED BUSHINGS	STF	JUN 03/04



- NOTES:
1. ADJUST ON ASSEMBLY AS REQUIRED TO FIT HANDLE.
 2. REMOVE ALL BURRS AND SHARP EDGES.
 3. WELDING TO BE COMPLETED BY GTAW METHOD TO AMS2685C USING ROD CONFORMING TO AMS 6457A.

01 HANDLE BRACKET ASSEMBLY

FORWARD END SHOWN. AFT END OPPOSITE.

QTY	PART NO.	ITEM	DESCRIPTION
4	36275-02	04	SUPPORT
4	36273-01	03	LID BRACKET
4	36272-01	02	BASKET BRACKET
1	36262-01	01	HANDLE BRACKET ASSY

APPROVALS	DATE	SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
DRAWN: STEVEN FAHEY	MAR 17/03				
CHECKED: E. BURGOIN	MAY 01/03				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:					
DECIMALS: X.XXX ±0.010 X.XX ±0.03 X.X ±0.1					
ANGLES: ±1/2°					
SHEET 1 OF 1					

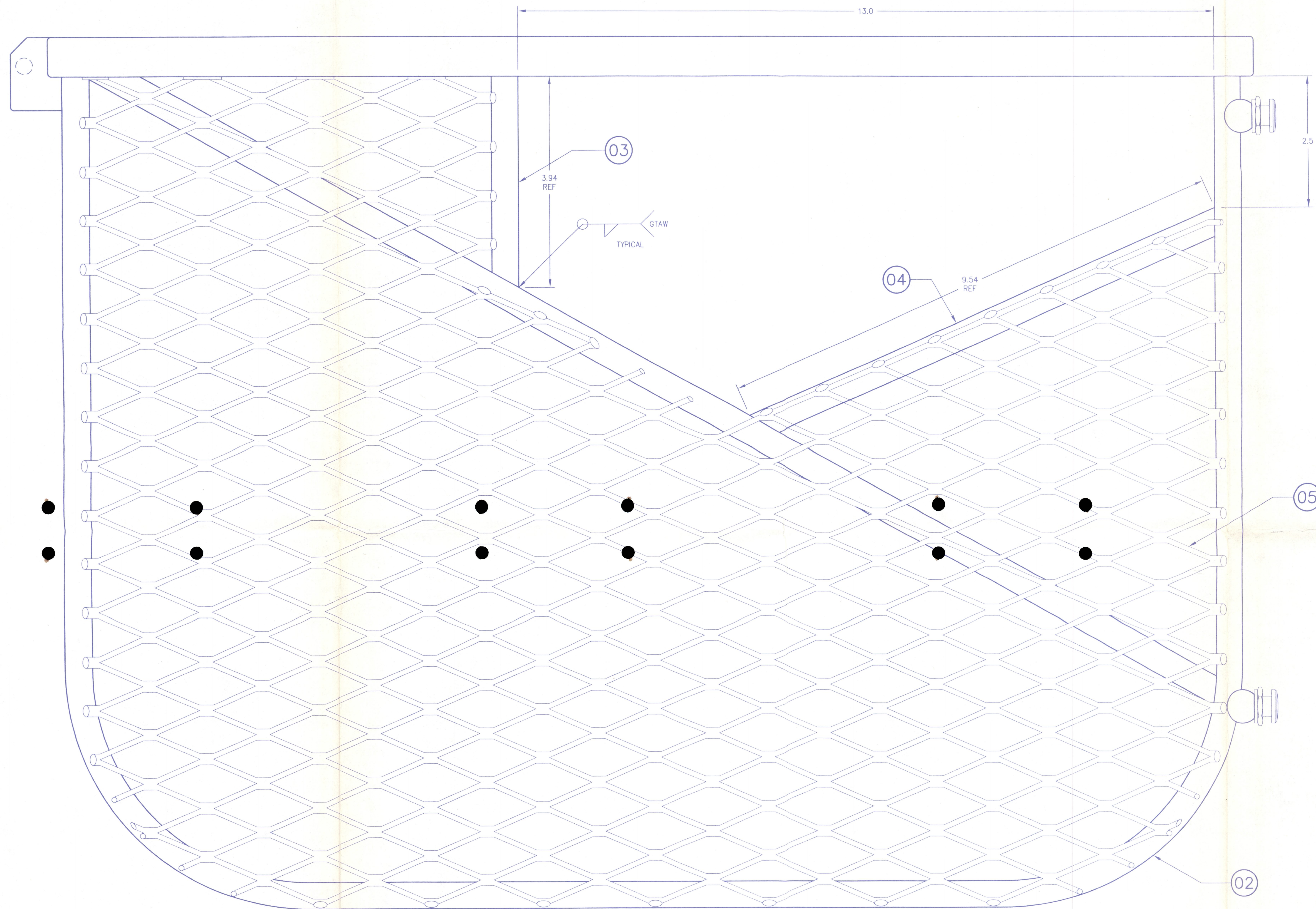
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**HELICOPTER CARGO BASKET
HANDLE BRACKET ASSEMBLY**

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	OPENING MODIFIED	BJC	JAN 19/06



01 BASKET BODY ASSEMBLY

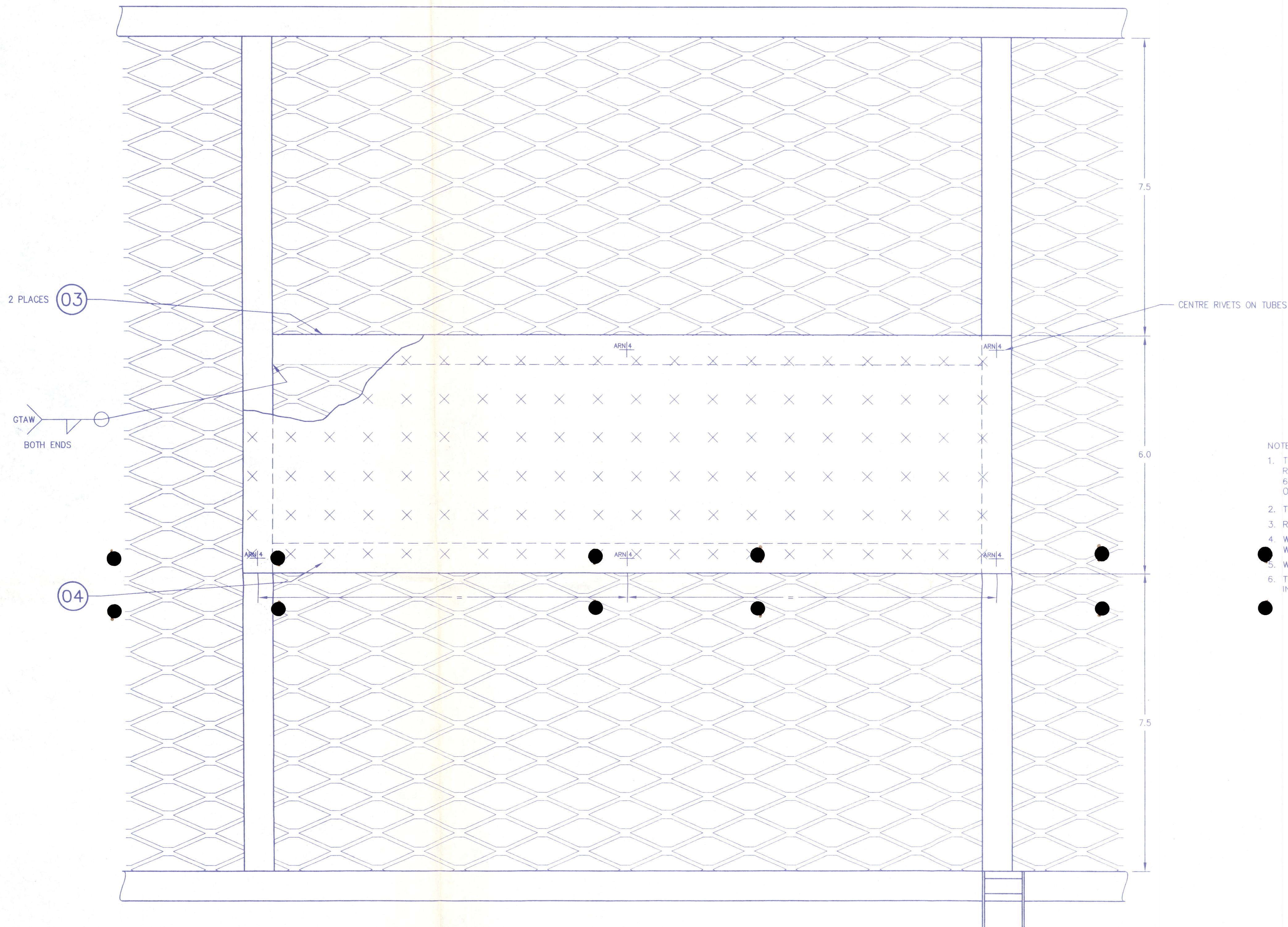
NOTES

- THIS DRAWING IS AN OPTIONAL CONFIGURATION FOR THE FORWARD END ONLY. REMAINDER OF BASKET IS TO BE IN ACCORDANCE WITH DRAWING 69811.
- REMOVE ALL BURRS AND BREAK SHARP EDGES
- WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
- WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
- THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.

1	3/4-16F	05	MESH	MILD STEEL	COMMERCIAL	
1	70404-04	04	TUBE	4130 STEEL COND. N	MIL-T-6736	0.5 X 0.035 WALL TUBE
1	70404-03	03	TUBE	4130 STEEL COND. N	MIL-T-6736	0.5 X 0.035 WALL TUBE
1	69811-01	02	BASKET BODY ASSEMBLY			
	70404-01	01	BASKET BODY ASSEMBLY - MODIFIED FORWARD END			
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	LIST OF MATERIALS					

APPROVALS		DATE	AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 info@aerodesign.ca			
DRAWN:		JEFF CLARKE				
CHECKED:		E. BURGON				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:			BELL 206L AND 407 QUICK RELEASE CARGO BASKET OPEN FORWARD END MODIFICATION			
DECIMALS	±0.010	ANGLES	±1/2°	SCALE 1 : 1	DWG. SIZE	DWG. NO.
X.XXX	±0.03			SHEET 1 OF 1	A1	70404
X.XX	±0.1					1

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	*	*	*



- NOTES:
1. THIS DRAWING IS AN OPTIONAL CONFIGURATION ADDING A TREAD PLATE STEP TO THE LID. REMAINDER OF LID ASSEMBLY IS TO BE IN ACCORDANCE WITH DRAWING 49207, 60631, OR 69812 AS APPLICABLE. THIS CONFIGURATION MAY BE APPLIED TO ANY OR ALL BAYS OF THE LID.
 2. TUBES (ITEM 03) MUST BE WELDED IN PLACE BEFORE MESH IS WELDED ON BOTTOM.
 3. REMOVE ALL BURRS AND BREAK SHARP EDGES
 4. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
 5. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
 6. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY. INSTALL TREAD PLATE AFTER POWDER COATING.

01 BASKET LID ASSEMBLY

A/R	CR3213-4-02		BLIND RIVET			
1	70405-04	04	TREAD PLATE	ALUMINUM	COMMERCIAL	0.063 TREAD PLATE
2	70405-03	03	TUBE	4130 STEEL COND. N	MIL-T-6736	0.75 X 0.035 WALL TUBE
1	69812-01	02	BASKET LID ASSEMBLY (ALTERNATE)			
1	60632-01	02	BASKET LID ASSEMBLY (ALTERNATE)			
1	49207-01	02	BASKET LID ASSEMBLY			
	70405-01	01	BASKET LID ASSEMBLY - MODIFIED WITH STEP			
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	LIST OF MATERIALS					

BASIC CODE REF. NAS 523 C=COUNTERSUNK D=DIMPLE DIGIT=# OF SHEETS TO BE DIMPLED BASIC CODES: BJ=MS20470AD BB=MS20426AD ARN=CR3213 ARM=CR3212	DASH NO. FOR DIAMETER N=MFD. HEAD NEAR SIDE F=MFD. HEAD FAR SIDE DASH NO. FOR LENGTH	APPROVALS		DATE		AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8933 info@aerodesign.ca					
		DRAWN: JEFF CLARKE		21 SEPT 2006							
				CHECKED: E. BURGAIN				BELL 206L SERIES AND 407 CARGO BASKET LID STEP MODIFICATION			
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1							
		+ □ INSTALL NEW RIVET + □ REMOVE/REPLACE RIVET - □ EXISTING RIVET				SCALE 1 : 1.5	DWG. SIZE	DWG. NO.	REV.		
						SHEET 1 OF 1	A1	70405	0		